



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:												
Lined MSWLF		LCID	X	YW		Transfer		Compost		SLAS		COUNTY: Durham PERMIT NO.: 32-J FILE TYPE: COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		X	FIRM	
CDFL		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO			SDTF	

Date of Site Inspection: July 25, 2012 **Date of Last Inspection:** October 20, 2011

FACILITY NAME AND ADDRESS:

Waste Industries LLC – LCID Landfill
 148 Stone Park Court
 Durham, NC 27703

GPS COORDINATES: N: 35.95148 E: -78.85673

FACILITY CONTACT NAME AND PHONE NUMBER:

Donald Plessinger, General Manager
 w. 919-557-9583
 f. 919-557-9523
donald.plessinger@wasteindustries.com

FACILITY CONTACT ADDRESS:

Donald Plessinger, General Manager
 Waste Industries LLC
 7130 New Landfill Road
 Holly Springs, NC 27540

PARTICIPANTS

John Patrone, NCDENR – Solid Waste Section (SWS)
 Bill Davidson, General Manager – Waste Industries LLC (william.davidson@wasteindustries.com)
 Reginald Sherman, Operations Manager – Waste Industries LLC (reginald.sherman@wasteindustries.com)
 Doug Satterfield, Lead Manager – Waste Industries LLC

STATUS OF PERMIT:

Permit To Operate (PTO) issued February 20, 2009
 PTO expiration date February 20, 2014

PURPOSE OF SITE VISIT:

Comprehensive Audit

STATUS OF PAST NOTED VIOLATIONS:

None

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 2 of 4

OBSERVED VIOLATIONS

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

ADDITIONAL COMMENTS

On July 25, 2012, John Patrone met with Bill Davidson, Reginald Sherman, and Doug Satterfield to conduct a comprehensive audit of the Waste Industries LLC – LCID Landfill located on Stone Park Court in Durham, Durham County.

1. The facility is owned and operated by Waste Industries LLC.
2. Waste Industries LLC – Land Clearing and Inert Debris (LCID) Landfill is located adjacent to Waste Industries LLC - Stone Park Court Transfer Facility (32-14). Access to the LCID landfill is via the transfer station facility entrance.
3. The facility permit, site plan, and operations plan were discussed.
4. The facility is open Monday through Friday from 7:00 am to 4:30 pm.
5. The facility primarily serves Waste Industries LLC and business clients but is open to the general public.
6. Mr. Davidson stated that the facility only accepts inert debris.
7. The facility is permitted to receive land clearing waste, yard trash, untreated and unpainted wood, uncontaminated soil, inert debris and (used) asphalt generated for disposal and/or processing/grinding and screening.
8. The facility does not currently store material for processing/grinding.
9. Segregated loads of low carbon nitrogen ratio material should not be received for processing.
10. The facility shall not accept treated wood (copper chromate arsenate, salt, pressure, stained, painted, etc.).
11. Much of the LCID accepted is sorted-out from construction and demolition debris (C&D) at the adjacent transfer station. Material is brought to the LCID landfill from the transfer station in 30 yd³ dumpsters.
12. The facility is permitted to accept material from Durham, Wake, and Orange Counties.
13. Ensure that LCID from additional counties is not accepted at the transfer facility for disposal at the LCID landfill.
14. The permit authorizes operation (burial of material) of Phase 1, Cell Nos. 1, 2, and 3. And operation (processing/grinding and screening of material) atop Cell Nos. 2 and 3 and cell 4 of future Phase 2.
15. The capacity of Phase 1, Cell Nos. 1, 2, and 3 is 150,000 yd³.
16. The facility maximum operating capacity (for disposal and/or processing/grinding) is 250 yd³ a day.
17. If product is stored on site, markers shall be installed designating material storage areas.
18. The facility has installed edge of waste markers. Ensure that edge of waste markers accurately designate buried material.
19. Painted inert debris may only be accepted for processing. Painted inert debris shall be sampled to ensure that lead levels are below 0.5% lead by weight. Test results shall be maintained for verification.
20. Solid waste shall be restricted to the smallest area feasible.
21. Solid waste shall be covered with one foot of soil at least once per month or when the active area reaches one acre in size.
22. Excavation, grading, and fill material side slopes must not exceed a 3:1 ratio.
23. Ensure that ruts are graded such that water is not held.
24. Ensure that edge of waste is \geq 100 feet from wells. Verify what appeared to be a well within the buffer area.
25. All material brought to the LCID landfill is weighed at the scale house.
26. The facility maintains records of the amount of LCID received. The transfer station FAR states that 176.5 tons (or 3.39 tons per week) of LCID is diverted to the LCID landfill.

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 3 of 4

27. The 2011-2012 LCID facility annual report (FAR) was received by SWS on July 25, 2012. The facility received ~ 1 ton of LCID per week. Verify that tonnage reported on the LCID FAR is consistent with tonnage declared on the transfer station FAR.
28. Phase 1, Cell 1 is inactive. Material is covered with soil containing a vegetative layer. The cell appeared to be graded accordingly. Empty boxes are stored atop a portion of the cell.
29. Phase 1, Cell 2 contains inert debris to be spread-out and covered with soil.
30. A stockpile of soil is atop a portion of Phase 1, Cells 1 and 2.
31. Phase 1, Cell 3 is not currently active (material buried).
32. Future Phase 2, Cell 4 has empty boxes stored atop a portion of the area.
33. Future Phase 2, Cell 5 is not used.
34. There was no indication of erosion or runoff.
35. The facility is secured by a locked gate. Personnel are on site during operating hours.
36. Access roads are of all-weather construction.
37. The facility has proper signage (at the transfer station entrance). It is recommended that signage be posted at the entrance to the LCID landfill.
38. The permit expiration date is February 20, 2014.
39. Permit renewal application shall be submitted to the SWS by October 20, 2013.

Please contact me if you have any questions or concerns regarding this inspection report.



John Patrone
Environmental Senior Specialist
Regional Representative

Phone: 336-771-5095 Fax: 336-771-4631

Sent on: <u>August 8, 2012</u>	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	<input type="checkbox"/>	Certified No. <input type="checkbox"/>
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Copies: Jason Watkins, Western District Supervisor
Jessica Montie, Compliance Officer
Bill Davidson, General Manager – Waste Industries LLC
Reginald Sherman, Operations Manager – Waste Industries LLC

FACILITY COMPLIANCE INSPECTION REPORT
Division of Waste Management
Solid Waste Section

Page 4 of 4

Digital photographs taken July 25, 2012
by John Patrone, DWM-SWS

LCID landfill area (entrance road)



Phase 1, Cell 1 – boxes stored atop area



Phase 1, Cell 2 – inert debris



Edge of waste marker (representative)

